Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (canceled).

Claim 2 (currently amended): The method according to claim ~~11~~ 12, wherein a total of four pixels, adjacent each other in two rows and two columns on said bitmap image data plane, constitute one of the groups.

Claim 3 (currently amended): The method according to claim ~~11~~ 12, wherein a total of nine pixels, adjacent each other in three rows and three columns on said bitmap image data plane, constitute one of the groups.

Claim 4 (currently amended): The method according to claim ~~11~~ 12, wherein a total of sixteen pixels, adjacent each other in four rows and four columns on said bitmap image data plane, constitute one of the groups.

-2-

Claim 5 (currently amended): The method according to claim

11 12, wherein said groups having the same color are partially

overlapped on said bitmap image data plane.

Claim 6 (currently amended): The method according to claim

11 12, wherein said groups having the same color do not ~~partially~~

overlap one another on said bitmap image data plane.

Claim 7 (currently amended): The method according to claim

11 12, wherein regularity for orderly selecting ~~a plurality of~~

~~pixels~~ that ~~belong to one group is unitied into one~~ the first

color data, the second color data, and the third color data for

the pixels that belong to one first color group, one second color

group and one third color group, respectively, is the same among

all groups.

Claim 8 (currently amended): The method according to claim

11 12, wherein regularity for orderly selecting ~~a plurality of~~

~~pixels that belong~~ to one ~~group~~ the first color data, the second

color data and the third color data for the pixels that belong to

one first color group, one second color group, and one third

color group, respectively, is different among adjacent groups.

SUBSTITUTE TOKIMOTO ET AL. (PCT)ACCORCE AMEND 10A-7/1

-3-

Claim 9 (currently amended): ~~A~~ A display apparatus ~~that operates based on the display method according to claim 11,~~ comprising:

a dot matrix-type display screen section in which ~~said~~ first color lamps, ~~said~~ second color lamps and ~~said~~ third color lamps are dispersedly arrayed;

an activating circuit section for individually activating said first lamps, said second lamps and said third lamps to emit light;

an image data storing section for storing bitmap multi-color image data to be displayed; and

a data distribution control section for distributing and transferring the image data stored in the image data storing section to said activating circuit section;

wherein each pixel on a multi-color data plane, which is constructed based on said bitmap multi-color image data, is an aggregate made of a piece of first color data for said pixel on a first color data plane, a piece of second color data for said pixel on a second color data plane, and a piece of third color data for said pixel on a third color data plane,

wherein said data distribution control section is caused to perform:

a grouping step of grouping the multitude of pixels on said first color data plane, said second color data plane, and said third color data plane, respectively, into a multitude of first color groups, a multitude of second color groups, and a multitude of third color groups, respectively,

wherein each of said first color groups, each of said second color groups, and each of said third color groups, respectively, is made of a plurality of adjacent pixels on said first color data plane, said second color data plane, and said third color data plane, respectively,

wherein the positional relationship among said first color groups, said second color groups, and said third color groups projected on said multi-color data plane corresponds to the positional shift among said first color lamps, said second color lamps, and said third color lamps on said dot matrix-type display screen, and

wherein the positions of the first color group, the second color group, and the third color group that are adjacent to each other on said multi-color data plane partially overlap one another;

a relating step of relating, by one-to-one

correspondence, each of said first color groups, each of

said second color groups, and each of said third color

groups, respectively, on said first color data plane, said

second color data plane, and said third color data plane,

respectively, to a different one of said first color lamps,

one of said second color lamps, and one of said third color

lamps, respectively, on said dot matrix-type display

screen; and

a repetitive-selecting step of repetitively selecting,

from among the plurality of pieces of the first color data,

the second color data, and the third color data,

respectively, for the plurality of pixels that belong to

one first color group, one second color group, and one

third color group, respectively, a piece of the first color

data, a piece of the second color data, and a piece of the

third color data, respectively, pixel-by-pixel at high

speed according to a predetermined order, wherein said

activating circuit section is caused to perform an

activating step of:

activating the first color lamp, the second color

lamp, and the third color lamp, respectively, that is

related to said one first color group, said one second

color group, and said one third color group,

respectively, according to said piece of the first

color data, said piece of the second color data, and

said piece of the third color data, respectively, that

has been selected, and

wherein said repetitive selecting step and said activation

step are carried out for all of the first, second, and third

color groups.

Claims 10-11 (canceled).

Claim 12 (new): A method of displaying bitmap multi-color

image data on a dot-matrix type display screen,

wherein said dot-matrix type display screen includes a

multitude of first color lamps, a multitude of second color

lamps, and a multitude of third color lamps, wherein said

multitude of first color lamps, said multitude of second color

lamps, and said multitude of third color lamps are dispersedly

arranged on said display screen evenly and according to a regular

pattern, and wherein each pixel on a multi-color data plane,

which is constructed based on said bitmap multi color image data,

is an aggregate made of a piece of first color data for said

pixel on a first color data plane, a piece of second color data

for said pixel on a second color data plane, and a piece of third

color data for said pixel on a third color data plane,

said method comprising:

a grouping step of

grouping the multitude of pixels on said first

color data plane, said second color data plane, and

said third color data plane, respectively, into a

multitude of first color groups, a multitude of second

color groups, and a multitude of third color groups,

respectively,

wherein each of said first color groups, each of

said second color groups, and each of said third color

groups, respectively, is made of a plurality of

adjacent pixels on said first color data plane, said

second color data plane, and said third color data

plane, respectively,

wherein the positional relationship among said

first color groups, said second color groups, and said

third color groups projected on said multi-color data

plane corresponds to the positional shift among said

first color lamps, said second color lamps, and said

-8-

third color lamps on said dot matrix-type display

screen, and

    wherein the positions of the first color group,

the second color group, and the third color group that

are adjacent to each other on said multi-color data

plane partially overlap one another;

a relating step of relating, by one-to-one correspondence,

each of said first color groups, each of said second color

groups, and each of said third color groups, respectively, on

said first color data plane, said second color data plane, and

said third color data plane, respectively, to a different one of

said first color lamps, one of said second color lamps, and one

of said third color lamps, respectively, on said dot matrix-type

display screen; and

    an activating step of:

        repetitively selecting, from among the plurality

        of pieces of the first color data, the second color

        data, and the third color data, respectively, for the

        plurality of pixels that belong to one first color

        group, one second color group, and one third color

        group, respectively, a piece of the first color data,

        a piece of the second color data, and a piece of the

9

third color data, respectively, pixel-by-pixel at high

speed according to a predetermined order; and

      activating the first color lamp, the second color

lamp, and the third color lamp, respectively, that is

related to said one first color group, said one second

color group, and said one third color group,

respectively, according to said piece of the first

color data, said piece of the second color data, and

said piece of the third color data, respectively, that

has been selected,

   wherein said activating step is carried out for all of the

first, second, and third color groups.

-10-